

# Workshop Proposal (1 PD)

## Azure CDW – Basic workshop infrastructure

### Cloud Data Warehousing

Basic workshop for the infrastructure setup of your own cloud data warehouse in the Microsoft Azure Platform with DataFactory and Databricks. Which components do I need, how do I configure an operational test environment and which features does Azure offer me to secure my data. One of the first things you need for your upcoming CDW project is a running test system and employees who are able to administer and successively expand it. Benefit now from a workshop in your system landscape and get a jumpstart.

### Introduction

### Which infrastructure services do I need to setup my CDW?

- Resource Groups
- Virtual Network
- Storage Account
- Key-Vault

### Main components:

- Azure Data Factory
  - Create Service
  - Setup linkedServices (Storage, KeyVault, Source Data)
  - Integration Runtime (On-Premises Connector)
- Databricks
  - Create Service
  - Basic introduction to user, group and permission handling
  - Connect Azure Storage
  - Create linkedService in Azure Data Factory

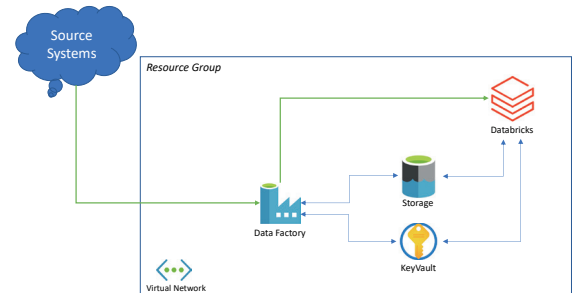
### Demo Workflow (Setup a simple Pipeline to test your CDW)

### Summary

- Infrastructure review
- Further thoughts
  - Code and resource management with version control (DevOps)
  - Continuous Integration / Continuous Deployment
  - Databricks Unity Catalog
- Questions & Answers

### What does the customer get?

- A running test system in your own Azure infrastructure
- The documentation and guidance of the completed tasks
- The enablement of your own employees to manage and extend the individual system services



€ 1.495,00 net. plus poss. travel expenses according to expense

We would be very pleased if this proposal meets your needs. If this is the case, but you would like to request any adjustments, please feel free to contact us at any time. We would be happy to design your individual workshop together with you.